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Trackless Jet Vertexing and Timing using ML

Tuesday 14 May 2024 14:00 (15 minutes)

We present work in progress on using the timing information of jet constituents to determine the production vertex of highly displaced jets formed from the decay of a long-lived particle. We also demonstrate that the same network can output a much more consistent jet time that is less sensitive to geometric effects; allowing for better exclusionary power compared to p_T -weighted time.

Mini Symposia (Invited Talks Only)

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